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Form PTO 1449 US Department of Commerce Patent and Trademark Office	ATTY DOCKET NO: P-LG 4878	SERIAL NO. 10/066,390
	APPLICANT: Padgett et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: February 1, 2002	GROUP: 1655

U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
2	5,459,039	10/17/95	Modrich et al.	435	6	03/18/94
1	5,683,877	11/04/97	Lu-Chang et al.	435	6	06/06/95
	5,795,747	08/18/98	Henco et al.	435	91.1	06/26/95
1	6,057,103	05/02/00	Short	435	6	08/26/97
1	6,165,793	12/26/00	Stemmer	435	440	05/08/98
2	US2002/0045175	04/18/02	Wang et al.			05/23/01

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
2	WO 99/29902	06/17/99	PCT			
2	WO 01/34835	05/17/01	PCT			
2	WO 02/24953	03/28/02	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

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Application Number	10/066,390
Filing Date	2/1/2002
First Named Inventor	Padgett et al.
Art Unit	1634
Examiner Name	Fredman, J.N.
Attorney Docket Number	P-LG4878

U.S. PATENT DOCUMENTS

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Examiner
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Application Number	10/066,390
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First Named Inventor	Padgett et al.
Group Art Unit	1634
Examiner Name	Fredman, J.N.
Attorney Docket Number	P-LG4878

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
✓		ABASTADO, et al., "Processing of complex heteroduplexes in <i>Escherichia coli</i> and Cos-1 monkey cells", <i>Proc. Natl. Acad. Sci. USA</i> , September 1984, Vol. 81, pp. 5792-5796	
✓		CAMI, et al., "Correction of complex heteroduplexes made of mouse H-2 gene sequences in <i>Escherichia coli</i> K-12", <i>Proc. Natl. Acad. Sci. USA</i> , January 1984, Vol. 81, pp. 503-507	
✓		CHANG, et al., "Recombination following transformation of <i>Escherichia coli</i> by heteroduplex plasmid DNA molecules", <i>Gene</i> , 1984, Vol. 29, pp. 255-261, Elsevier	
✓		COTTON, "Slowly but surely towards better scanning for mutations", <i>TIG</i> , February 1997, Vol. 13, No. 2, pp. 43-46, Elsevier Science Ltd.	
✓		JOYCE, "Directed Molecular Evolution", <i>Scientific American</i> , December 1992, pp. 90-97	
✓		KULINSKI, et al., "CEL I Enzymatic Mutation Detection Assay", <i>Biotechniques</i> , July 2000, Vol. 29, pp. 44-48	
✓		LAHUE, et al., "Requirement for d(GATC) sequences in <i>Escherichia coli</i> mutHLS mismatch correction", <i>Proc. Natl. Acad. Sci. USA</i> , March 1987, Vol. 84, pp. 1482-1486	
✓		MODRICH, "Strand-specific Mismatch Repair in Mammalian Cells", <i>The Journal of Biological Chemistry</i> , October 3, 1997, Vol. 272, No. 4, pp. 24727-24730, The American Society of for Biochemistry and Molecular Biology, Inc., Bethesda, MD	
✓		OLEYKOWSKI, et al., "Mutation detection using a novel plant endonuclease", <i>Nucleic Acids Research</i> , 1998, Vol. 26, No. 20, pp. 4597-4602, Oxford University Press, United Kingdom	
✓		OLEYKOWSKI, et al., "Incision at Nucleotide Insertions/Deletions and Base Pair Mismatches by the SP Nuclease of Spinach", <i>Biochemistry</i> , 1999, Vol. 38, pp. 2200-2205, American Chemical Society, Columbus, OH	
✓		ROBERTSON, "Directed evolution patent could have major impact", <i>Nature Biotechnology</i> , May 1998, Vol. 16, p. 411	
✓		SOLARO, et al., "Endonuclease VII of Phage T4 Triggers Mismatch Correction <i>in Vitro</i> ", <i>J. Mol. Biol.</i> , 1993, Vol. 230, pp. 868-877, Academic Press Limited	
✓		VOLKOV, et al., "Random Chimeragenesis by Heteroduplex Recombination", <i>Methods in Enzymology</i> , 2000, Vol. 328, pp. 456-463, Academic Press	
✓		VOLKOV, et al., "Recombination and chimeragenesis by <i>in vitro</i> heteroduplex formation and <i>in vivo</i> repair", <i>Nucleic Acids Research</i> , 1999, Vol. 27, No. 18, pp. e18 (i-vi), Oxford University Press	
✓		YANG, et al., "Purification, Cloning, and Characterization of the CEL I Nuclease", <i>Biochemistry</i> , 2000, Vol. 39, pp. 3533-3541, American Chemical Society	

Examiner Signature		Date Considered	3/18/04
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